
ANDERSON COUNTY

(Anderson County Water Service Area Map)

- Estimated 1999 population of 18,800--75% on public water
- Estimated 2020 population of 25,100--81% on public water
- 175 miles of water lines, with plans for 155 additional miles
- Estimated funding needs for public water 2000-2005--\$9,304,000
- Estimated funding needs for public water 2006-2020--\$2,584,000

Anderson County had an estimated population of 18,763 (7,480 households) in 1999 with a projected population of 25,060 (10,712 households) in 2020. Public water is provided to about 75 percent of the county's residents. In areas of the county not served by public water, about 1/6 of the households rely on private domestic wells and 5/6 of the households rely on other sources. About 610 customers will be added to public water service through new line extensions in 2000-2020.

Estimated Costs - Proposed Projects, 2000-2005

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	In \$1000	in \$1000	in \$1000	in \$1000	in \$1000
ANDERSON								-
South Anderson W/D	76.5	313	3,382				190	3,572
Lawrenceburg Municipal Water				1,452		2,150	950	4,552
Alton Water District	23.5	80	970				210	1,180
TOTAL	100.0	393	4,352	1,452		2,150	1,350	9,304

Estimated Costs - Proposed Projects, 2006-2020

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	in \$1000	in \$1000	in \$1000	in \$1000	in \$1000
ANDERSON								-
South Anderson W/D	34	141	1,454				240	1,694
Lawrenceburg Municipal Water								-
Alton Water District	7	27	330					330
North Mercer W/D	13.5	46	560					560
Total	54.5	214	2,344				240	2,584

PUBLIC WATER SYSTEMS

Anderson County has 3 public water systems: 1 municipal, Lawrenceburg Water & Sewer Department; and 2 water districts, Alton Water District and South Anderson Water

WATER SERVICE AREAS

ANDERSON COUNTY

Kentucky

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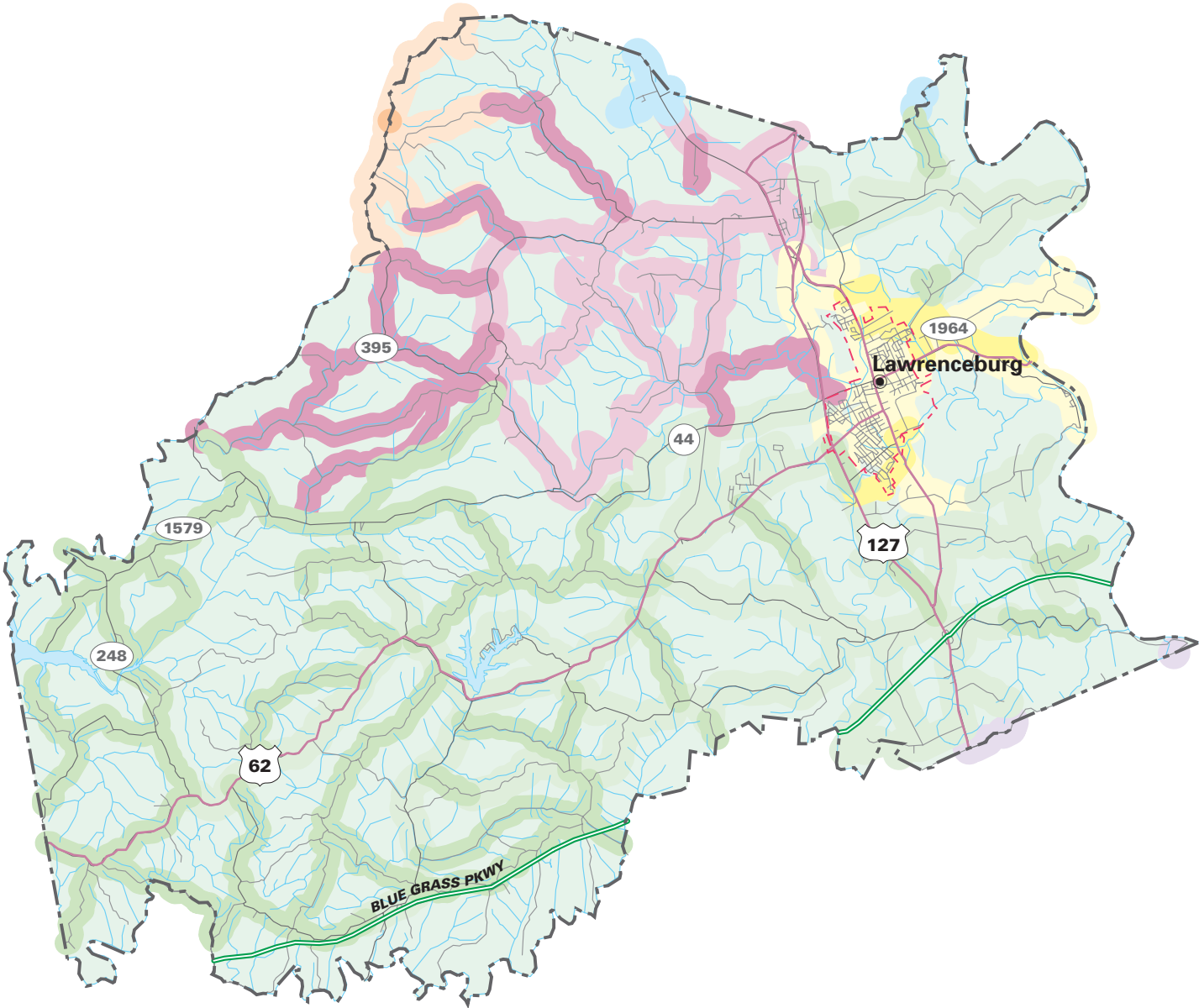
Bob Arnold, Chairman
Lawrence Wetherby, Executive Director



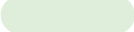
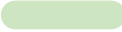


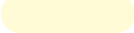

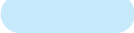



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Kentucky Area Development Districts



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WATER SERVICE STATUS BY OWNER		
EXISTING SERVICE AREA	PROPOSED SERVICE AREA	
		U S 60 WATER DISTRICT
		SOUTH ANDERSON WATER DISTRICT
		NORTH MERCER WATER DISTRICT
		LAWRENCEBURG WATER AND SEWER DEPARTMENT
		FARMDALE WATER DISTRICT
		ALTON WATER DISTRICT

District. Parts of the county are also served by the US 60 Water District, Farmdale Water District, and North Mercer Water District.

ALTON WATER DISTRICT

PWSID: 0030007
System Type: COMMUNITY
Owner Type: WATER DISTRICT
Surface Source:
Purchase Source:
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD): 0.00
Percent Daily Average Production: 0.00
Total Tank Storage Capacity (gallons): 180,000.00
Total Service Connections: 889.00
Number of Employees: 0.00
Treatment Operator Class: 2D
Distribution Operator Class:
Customer Rate for 1,000 Gallons: 4.62
O/M costs 1997: 147,469.00
O/M costs per Service Connection: 208.29
Net Revenue 1997: 36,344.00
Total Water Produced 1997 (gallons): 0.00
Water Sold 1997 (gallons): 42,371,900.00
Unaccounted-for Water 1997 (%): 0.00

LAWRENCEBURG MUNICIPAL WATER AND SEWER DEPARTMENT

PWSID: 0030239
System Type: COMMUNITY
Owner Type: MUNICIPAL
Surface Source: KENTUCKY RIVER
Purchase Source:
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD): 2.59
Percent Daily Average Production: 65.00
Total Tank Storage Capacity (gallons): 500,000.00
Total Service Connections: 3,661.00
Number of Employees: 9.00
Treatment Operator Class: 2D
Distribution Operator Class: 3A
Customer Rate for 1,000 Gallons: Not available
O/M costs 1997: Not available
O/M costs per Service Connection: Not available
Net Revenue 1997: Not available
Total Water Produced 1997 (gallons): Not available
Water Sold 1997 (gallons): Not available
Unaccounted-for Water 1997 (%): Not available

SOUTH ANDERSON WATER DISTRICT

PWSID: 0030660
System Type: COMMUNITY
Owner Type: WATER DISTRICT
Surface Source:
Purchase Source:
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD): 0.00
Percent Daily Average Production: 0.00
Total Tank Storage Capacity (gallons): 100,000.00
Total Service Connections: 0.00
Number of Employees: 0.00
Treatment Operator Class: 2D
Distribution Operator Class:
Customer Rate for 1,000 Gallons: 4.60
O/M costs 1997: 301,476.00
O/M costs per Service Connection: 213.66
Net Revenue 1997: 4,907.00
Total Water Produced 1997 (gallons): 0.00
Water Sold 1997 (gallons): 90,487,100.00
Unaccounted-for Water 1997 (%): 7.17

PRIVATE DOMESTIC SYSTEMS

About 4,500 people in Anderson County rely on private domestic water supplies: about 700 on wells and 3,800 on other sources.

In the valley bottoms of the Kentucky and the Salt Rivers and their major tributaries, most drilled wells will produce enough water for a domestic supply at depths of less than 100 feet. Wells located in the smaller creek valleys throughout the county will produce enough water for a domestic supply except during dry weather. In the areas above the stream valleys throughout Anderson County, which encompasses approximately 60% of the county, most drilled wells will not produce enough water for a dependable domestic supply except along drainage lines which may produce enough water except during dry weather.

Throughout the county ground water is hard or very hard and may contain salt or hydrogen sulfide, especially at depths greater than 100 feet.
